

## PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

Date of mailing (day/month/year) 12 April 2006 (12.04.2006)	To:  LEE, Byung-Hyun #705, New-Seoul Bldg., 828-8, Yeoksam-dong, Kangnam-gu, Seoul 135-080 Republic of Korea
Applicant's or agent's file reference C972HST	<b>IMPORTANT NOTIFICATION</b>
International application No. PCT/KR2004/002716	International filing date (day/month/year) 25 October 2004 (25.10.2004)

1. The following indications appeared on record concerning:		
<input checked="" type="checkbox"/> the applicant <input type="checkbox"/> the inventor <input type="checkbox"/> the agent <input type="checkbox"/> the common representative		
Name and Address HISTOSTEM CORPORATION 518-4, Doonchon-dong Kangdong-gu Seoul 134-060 Republic of Korea	State of Nationality KR	State of Residence KR
	Telephone No. 82-2-470-6341	
	Facsimile No. 82-2-3487-5273	
	Teleprinter No.	

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:		
<input type="checkbox"/> the person <input type="checkbox"/> the name <input type="checkbox"/> the address <input type="checkbox"/> the nationality <input type="checkbox"/> the residence		
Name and Address	State of Nationality	State of Residence
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	

3. Further observations, if necessary: The person identified in Box 1 has been deleted from our records.
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4. A copy of this notification has been sent to:	
<input checked="" type="checkbox"/> the receiving Office <input type="checkbox"/> the International Searching Authority <input type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> the designated Offices concerned <input type="checkbox"/> the elected Offices concerned <input type="checkbox"/> other:

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No. +41 22 338 7090	Authorized officer  François BAECHLER  Telephone No. (41-22) 338 9544
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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/002716

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 C12N 5/08, C12N 1/00, C12N 5/00**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C12N 5/08, 1/00, 5/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 Korean Patents and applications for inventions since 1975  
 Korean Utility models and applications for Utility models since 1975  
 Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS, Delphion, PubMed, 'Mesenchymal stem cell', 'umbilical cord blood'

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HOU, L. et al., 'Induction of umbilical cord blood mesenchymal stem cells into neuron-like cells in vitro' Int. J. Hematol., October 2003, vol. 78(3), pp.256-261. See the whole document.	1-3
A	ROONEY, P. & REES, A.A., 'Blood vessels & mesenchymal cells: can they make better bone?' European Cells and Materials, June 2003, vol.5, Suppl.2, p.8. See the whole document.	1-3
A	US 6335195 B1 (KATHLEEN E. RODGERS and GERE S. DIZEREGA) 01 January 2002. See the whole document.	1-3
A	US 5486359 A (ARNOLD I. CAPLAN and STEPHEN E. HAYNESWORTH) 23 January 1996. See the whole document.	1-3
A	US 5197985 A (ARNOLD I. CAPLAN and STEPHEN E. HAYNESWORTH) 30 March 1993. See the whole document.	1-3

 Further documents are listed in the continuation of Box C. See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

16 FEBRUARY 2005 (16.02.2005)

Date of mailing of the international search report

16 FEBRUARY 2005 (16.02.2005)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office  
 920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
 Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

LEE, CHUNG HO

Telephone No. 82-42-481-8160



**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.

PCT/KR2004/002716

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6335195 B1	01.01.2002.	WO 9926644 A1 JP 2002500624 T2 EP 0973539 A2 AU 6648598 A1	03.06.1999. 08.01.2002. 26.01.2000. 18.08.1998.
US 5486359 A	23.01.1996.	WO 9623058 A1 JP 07500001 T2 EP 0592521 A1 DE 69233029 CO AU 4704196 A1	01.08.1996. 05.01.1995. 20.04.1994. 05.06.2003. 14.08.1996.
US 5197985 A	30.03.1993.	WO 9623058 A1 JP 07500001 T2 EP 0592521 A1 DE 69233029 CO AU 4704196 A1	01.08.1996. 05.01.1995. 20.04.1994. 05.06.2003. 14.08.1996.

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## PATENT COOPERATION TREATY

**PCT**

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference C972HST	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. <b>PCT/KR2004/002716</b>	International filing date ( <i>day/month/year</i> ) <b>25 OCTOBER 2004 (25.10.2004)</b>	(Earliest) Priority Date ( <i>day/month/year</i> ) <b>11 NOVEMBER 2003 (11.11.2003)</b>
Applicant <b>HISTOSTEM CORPORATION et al</b>		

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report
  - a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
  - b.  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.
2.  Certain claims were found unsearchable (See Box No. II)
3.  Unity of invention is lacking (See Box No. III)
4. With regard to the title,
 

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:
5. With regard to the abstract,
 

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
6. With regard to the drawings,
  - a. the figure of the drawings to be published with the abstract is Figure No. 6

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.
  - b.  none of the figure is to be published with the abstract.

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## INTERNATIONAL SEARCH REPORT

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

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16 FEBRUARY 2005 (16.02.2005)

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**16 FEBRUARY 2005 (16.02.2005)**

Name and mailing address of the ISA/KR

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Republic of Korea

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LEE, CHUNG HO

Telephone No. 82-42-481-8160



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